



Sheet 1 of 6

FORM PTO-1049 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
3819-011108SERIAL NO.  
09/918,164INFORMATION DISCLOSURE STATEMENT  
STATEMENT BY APPLICANTAPPLICANT(S)  
Craig E. Boutilier et al.

(Use several sheets if necessary)

FILING DATE  
July 30, 2001GROUP  
ART UNIT  
2165

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	AQ	E. Arkin and R. Hassin, "On Local Search For Weighted $k$ -Set Packing", European Symposium on Algorithms, pp. 15, (1997).
CB	AR	S. Bikhchandani and J. Mamer, "Competitive Equilibrium In An Exchange Economy With Indivisibilities", Journal of Economic Theory: 74, 385-413, (1997).
CC	AS	B. Chandra and M. Halldórsson, "Greedy Local Improvement And Weighted Set Packing Approximation", SODA, pp. 8, (1999).

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	AQ	C. Boutilier, M. Goldszmidt and B. Sabata, "Sequential Auctions For The Allocation Of Resources With Complimentarities", International Joint Conference on Artificial Intelligence, pp. 8, (1999).
	AR	Y. Fujishima, K. Leyton-Brown and Y. Shoham, "Taming The Computational Complexity Of Combinatorial Auctions: Optimal And Approximate Approaches", International Joint Conference on Artificial Intelligence, pp. 6, (1999).
	AS	D. Hausch, "Multi-Object Auctions: Sequential Vs. Simultaneous Sales", Management Sciences, Vol. 32, No. 12, 1599-1610, Dec. 1986.

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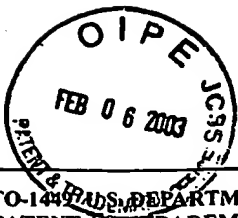
	AQ	H. Hoos and T. Stützle, "Evaluating Las Vegas Algorithms – Pitfalls And Remedies", UAI, pp. 8, (1998).
	AR	H. Hoos, "On The Run-Time Behaviour Of Stochastic Local Search Algorithms For SAT", American Association for Artificial Intelligence, pp. 6, (1999).
	AS	K. Leyton-Brown, Y. Shoham and M. Tennenholtz, "An Algorithm For Multi-Unit Combinatorial Auctions", American Association for Artificial Intelligence, pp. 6, (2000).

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11/2/04

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<b>FORM PTO-1487 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 3819-011108	<b>SERIAL NO.</b> 09/918,164
	<b>APPLICANT(S)</b> Craig E. Boutilier et al.	
	<b>FILING DATE</b> July 30, 2001	<b>GROUP ART UNIT</b> 2165

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

GA	AQ	O. Martin, S. Otto and E. Felten, "Large-Step Markov Chains For The Traveling Salesman Problem", Complex Systems, Vol. 5:3 pp. 29, (1991).
	AR	D. McAllester, B. Selman and H. Kautz, "Evidence For Invariants In Local Search", Proceedings of the Fourteenth National Conference on Artificial Intelligence, pp. 6, (1997).
	AS	S.J. Rasseni, V.L. Smith and R.L. Bulfin, "A Combinatorial Auction Mechanism For Airport Time Slot Allocation", The Bell Journal of Economics, 402-417 (1982).

<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 11/2/04
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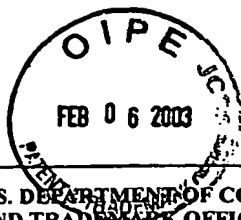
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A	AQ	M. Rothkopf, "Bidding In Simultaneous Auctions With A Constraint On Exposure", Operations Research, Vol. 25, No. 4, 620-629, July-August 1977.
A	AR	M. Rothkopf, A. Pekeć and R. Harstad, "Computationally Manageable Combinatorial Auctions", DIMAC Technical Report 95-09, pp. 17, April 1995.
A	AS	T. Sandholm, "An Algorithm For Optimal Winner Determination In Combinatorial Auctions", International Joint Conference on Artificial Intelligence, pp. 6, (1999).

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	AQ	M. P. Wellman, W. Walsh, P. Wurman and J. MacKie-Mason, "Auction Protocols For Decentralized Scheduling", Games and Economic Behavior, 35, 271-303 (2001).
	AR	R. Engelbrecht-Wiggans and R. Weber, "A Sequential Auction Involving Asymmetrically Informed Bidders", International Journal of Game Theory, Vol. 12, Issue 2, pp. 123-127 (1983).
	AS	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	09/918,164
Filing Date	July 30, 2001
First Named Inventor	Craig E. Boutilier et al.
Group Art Unit	2165
Examiner Name	Not Yet Assigned
Attorney Docket Number	3819-011108

Sheet 1 of 1

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup>			
<i>CB</i>	1	6,704,716	B1	Force	03-09-2004	
<i>JA</i>	2	6,718,312	B1	McAfee et al.	04-06-2004	

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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